

6.

x	-0.1	-0.01	-0.001	0.001	0.01	0.1
$f(x)$	0.0500	0.0050	0.0005	-0.0005	-0.0050	-0.0500

$$\lim_{x \rightarrow 0} \frac{\cos x - 1}{x} \approx 0.0000 \quad (\text{Actual limit is 0.}) \quad (\text{Make sure you use radian mode.})$$